

Table S2. Pharmacokinetic parameters after oral administration of lapachol (10 mg/kg and 25 mg/kg) and LAP sodium salt (30 mg/kg) in Wistar rats

Pharmacokinetic Parameter	10 mg/kg oral LAP		25 mg/kg oral LAP		30 mg/kg oral LAP sodium salt	
	NCA	1-Comp	NCA	1-Comp	NCA	1- Comp
C_{max} ($\mu\text{g/mL}$)	31.6 \pm 3.8	-	65.6 \pm 10.6	-	55.9 \pm 25.8	-
t_{max} (h)	1.2 \pm 0.3	-	1.3 \pm 0.4	-	1.6 \pm 1.1	-
Ka (h^{-1})	-	2.61 \pm 0.85	-	2.93 \pm 0.79	-	1.04 \pm 1.02
Ke (h^{-1})	-	0.17 \pm 0.01	-	0.16 \pm 0.02	-	0.25 \pm 0.15
l (h^{-1})	0.16 \pm 0.01	-	0.19 \pm 0.03	-	0.19 \pm 0.07	-
$t_{1/2}$ (h)	3.2 \pm 0.2	-	3.6 \pm 0.5	-	4.3 \pm 2.0	-
$t_{1/2\beta}$ (h)	-	4.2 \pm 0.3	-	4.4 \pm 0.6	-	3.6 \pm 2.0
$AUC_{0-\infty}$ ($\mu\text{g h/ml}$)	216.9 \pm 22.0	237.4 \pm 20.2	449 \pm 78.1	434.3 \pm 79.7	315.2 \pm 140	314 \pm 143.8
CL_{tot} (L/kg)	0.04 \pm 0.01	0.03 \pm 0.03	0.04 \pm 0.01	0.04 \pm 0.01	0.04 \pm 0.02	0.05 \pm 0.03
Vd_{ss} (L/kg)	-	0.19 \pm 0.02	-	0.24 \pm 0.04	-	0.20 \pm 0.09
MRT (h)	7.2 \pm 0.6	-	7.2 \pm 0.7	-	6.5 \pm 2.8	-
F_{abs} (%)	77	-	65	-	42	-

LAP (n = 8, 10 mg/kg); LAP (n = 6, 25 mg/kg); LAP sodium salt (n = 8, 30 mg/kg)